Inventor: ODAGAWA et al.
Docket No.: 10873.1399USWI
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet I of 12

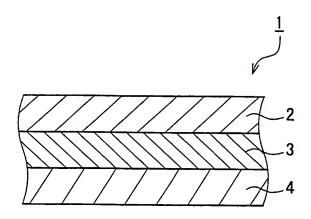


FIG. 1

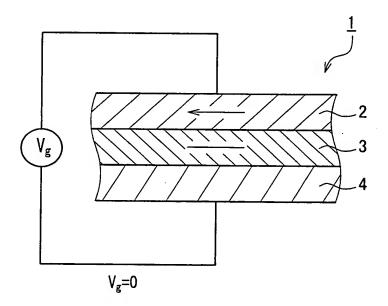


FIG. 2A

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 2 of 12

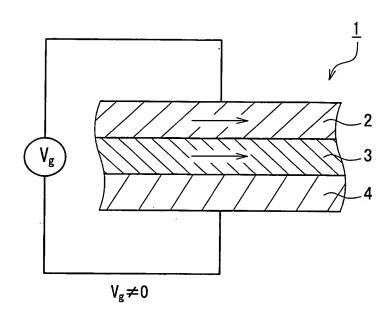
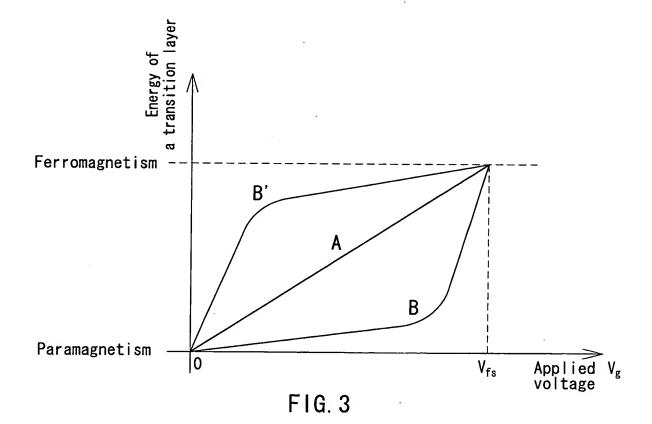


FIG. 2B



Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 3 of 12

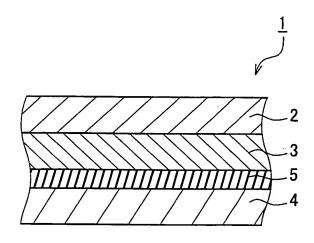


FIG. 4

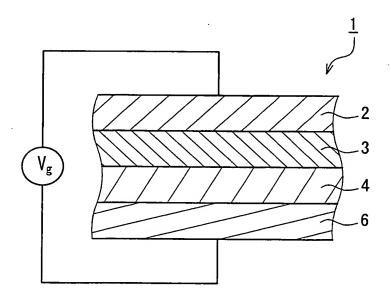


FIG. 5

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 4 of 12

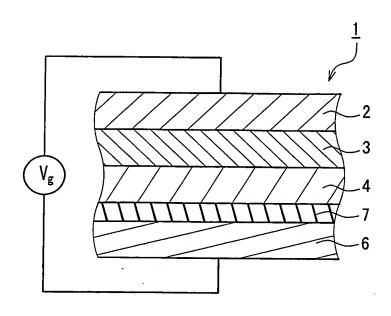
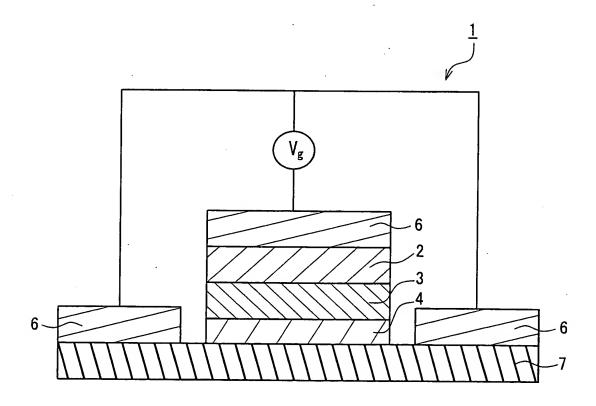


FIG. 6



F1G. 7

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 5 of 12

FIG. 8A

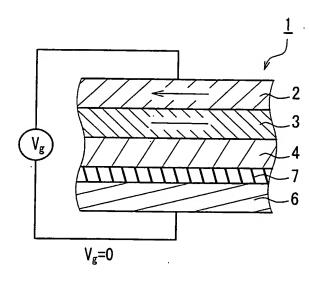


FIG. 8B

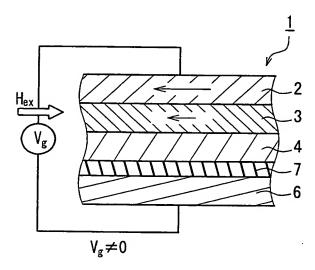
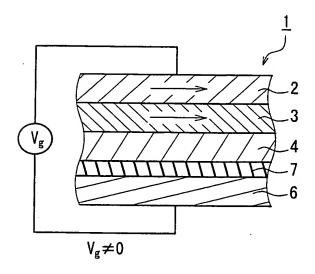


FIG. 8C



Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 6 of 12

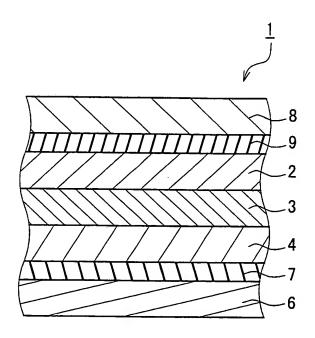
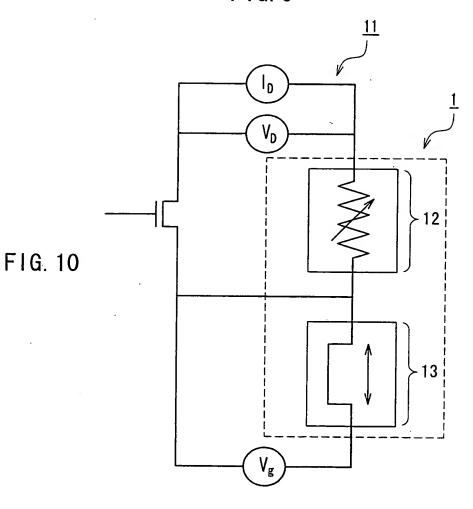


FIG. 9



Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 7 of 12

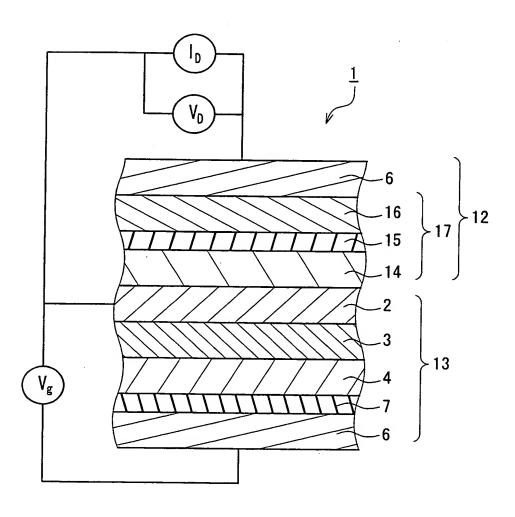


FIG. 11

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 8 of 12

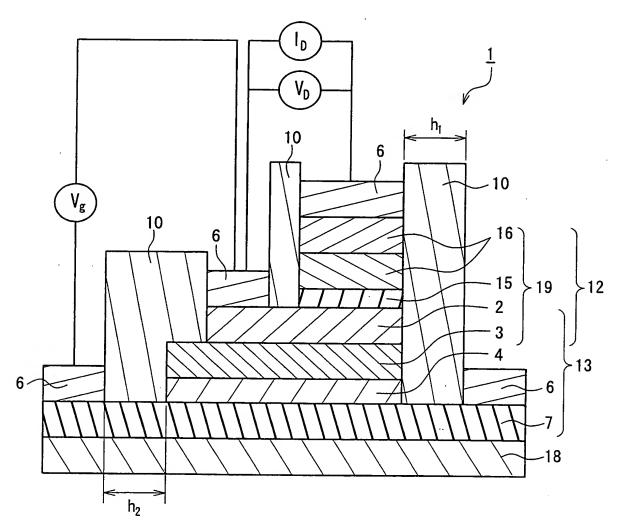


FIG. 12

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237

Sheet 9 of 12

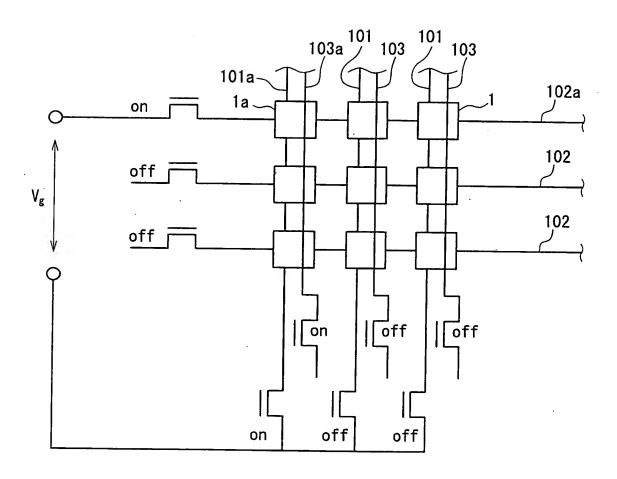


FIG. 13

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 10 of 12

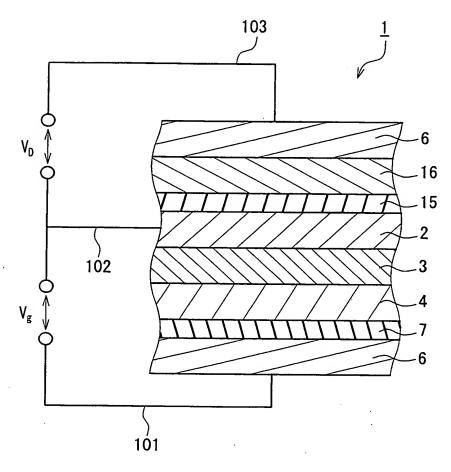


FIG. 14

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 11 of 12

103a 101 103 103 101a-102a 1a. 102 V_{D} 102 off off on off off on

FIG. 15

Inventor: ODAGAWA et al.
Docket No.: 10873.1399USW1
Title: MAGNETIC SWITCHING DEVICE AND MAGNETIC MEMORY USING THE SAME
Attorney Name: Douglas P. Mueller
Phone No.: 612.371.5237
Sheet 12 of 12

